



# M33S SERIES SINGLEMODE

## Three Video Singlemode FM Transmission System

### Features:

- ◆ Compatible with NTSC; RS – 170A & RS –343A and PAL
- ◆ Diagnostics: Video, Power and Optical Presence
- ◆ Full Color Transmission
- ◆ 1300nm Singlemode Optics
- ◆ FM Video Transmission
- ◆ Three Channels Per Card

### SPECIFICATIONS:

#### Video:

I/O Level ..... 1Vpp  
 I/O Impedance ..... 75Ω  
 Bandwidth ..... 10 MHz  
 Differential Gain ..... 5%  
 Differential Phase ..... 3°  
 SNR ..... 60 dB  
 Connector ..... BNC

#### Optical:

Wavelength ..... 1300nm  
 Loss Budget (9/125μ) ..... 12dB  
 Connector ..... ST

#### Temperature (Operating):

-20°C to +70°C, non-condensing

#### Power Supply:

Rack Card – (see AFI Part #: SR –20/1)

#### Size:

Rack Card Requires one rack slot  
 6½" x 1" x 5"

#### Ordering information:

RTM-33S =Rack Card Transmitter  
 Video Source  
 RRM-33S =Rack Card Receiver-  
 Monitor Site

#### Example:

RTM-33S to RRM-33S



The American Fibertek 33S Series transmits three channels of high-quality video on three singlemode optical fibers. This system is designed to be completely transparent to all camera and monitor manufacturers. Products require no field adjustments at installation or additional maintenance thereafter. Diagnostic indicators provide a quick visual indication of system status. The 33S Series is compatible with MTM-300S and MRM-300S single channel video transmitters and receivers. The 33S Series are ordered as rack cards and are mounted in the American Fibertek Card Cages: SR-20/1, SR-20/2 or SR-20R/1.

#### RTM-33S Transmitter is compatible with:

MRM-300S Module FM Receivers  
 RRM-33S Rack Card FM Receivers

#### RRM-33S Receiver is compatible with:

MTM-300S Module FM Transmitters  
 RTM-33S Rack Card FM Transmitters

